

Netzwerktreffen der Humboldt-Stiftung Chemnitz 2023

Teilprogramm Gruppe Mathematik, Informatik, Theoretische Physik

am Donnerstag, 9.2.2023, 9-13 Uhr

Reichenhainer Str. 70, Physikgebäude, Seminarraum P031/033

9.00 – 10.30 h: Welcome, Talks, Discussion

Prof. Dr. Martina Hentschel

Opening and Round of Introduction

(hybrid, BBB: <https://webroom.hrz.tu-chemnitz.de/gl/mar-mvu-urv-7lk>)

Dr. Chiara Piazzola

Uncertainty Quantification Analysis of Nonlinear Partial Differential Equations

Dr. Seyed Sajad Aghapour Hasiri:

Symmetry Defines Physical Properties of Light and Gravitational Waves

Dr. Lishu Zhang

Van der Waals Spin-Orbit Torque Antiferromagnetic Memory

Dr. Lalla Btissam Drissi

Engineering Properties of Nanostructures for Potential Applications

10.30 – 11.00 h: Coffee Break

11.00 – 13.00 h: TU Chemnitz Physics Institute

Prof. Dr. Angela Thränhardt (Director)

Welcome and Introduction to the Institute of Physics

Prof. Dr. Sibylle Gemming

*Simulations – the Handshake of Theory and Experiment?
Discussion*

11.45 – 12.15 h and 12.20 – 12.50 h:

Guided Lab Tours (two groups with change)

Prof. Dr. Wolfgang Einhäuser-Treyer: Cognitive Psychology Lab

Prof. Dr. Georgeta Salvan: Semiconductor Physics Lab